

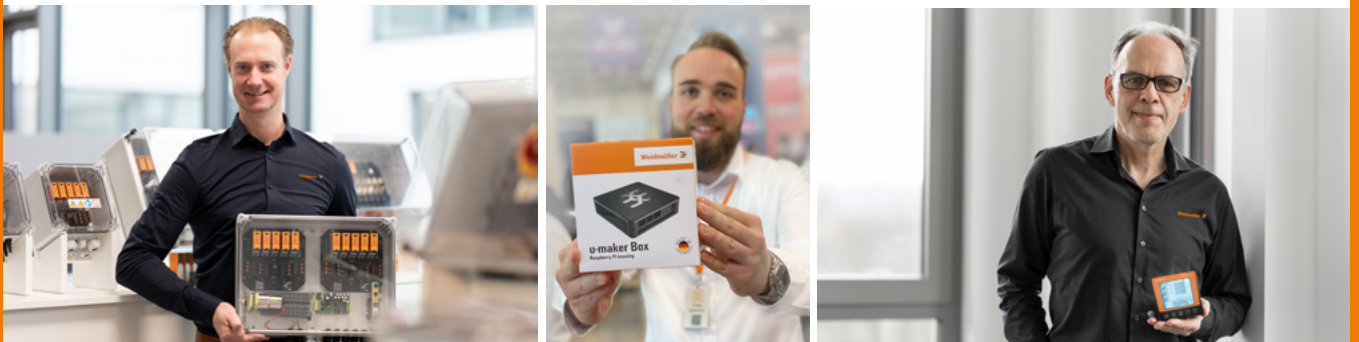
Orange Mag

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SPECIAL EDITION

HIGHLIGHTS AND PRODUCT INNOVATIONS





Your Partner in

Smart Industrial Connectivity

Our innovations, your solutions

Innovations for the future

We feel right at home in a variety of sectors and industries. That's why we're familiar with the technological challenges and know how dynamically the markets are evolving. We're not only moving with them, we're leading the way. Developing the right innovations for tomorrow, today. This has always been part of our DNA.

For us, smart industrial connectivity starts with electronics and connection technology – and flows seamlessly into automation and digitalisation solutions. Unbridled pioneering spirit. Now and for the future.

On the following pages, we present our latest products and solutions. First of all, we'd like to introduce you to four future-oriented topics that are particularly close to our hearts – and for which we are already implementing concrete concepts and constantly developing them.

More information can be found
on our website: www.weidmueller.com



Four ways into the future

Sustainable, efficient, easy

Energy of the future

Climate change is one of the biggest and most important challenges of our time. The use of renewable energy is of vital importance if we are to steer the planet's future in a positive direction. Sophisticated technological solutions are now needed to ensure maximum system efficiency and functionality. This is exactly where we come in.

Many of our products and concepts are used in systems and machines for photovoltaics, wind energy, electromobility and hydrogen production. We're also working intensively on the development of the DC industry – and thus on the establishment of a sustainable DC ecosystem at a global level.



The easy way to Industrial IoT & Automation

To ensure that small and medium-sized enterprises can also exploit the potential that has been created by the introduction of IT technologies into the OT environment, the path to the IoT must be made as easy as possible for them. This is how commercial digitalisation and automation are moving from theory to practice across the board.

To realise this, solutions are needed to effectively collect, pre-process, communicate and analyse data. This is where we offer exactly the right software and hardware product portfolio. Our u-control system, the easyConnect service platform and our open, web-based u-OS operating system put companies on the road to IIoT in the easiest way possible – even in brownfield environments.

Panel building of the future

You don't need a crystal ball to predict what panel building will look like in the future. The direction the sector is heading in the coming years is clear: Digitalisation and automation in all aspects will gradually become the core operational focal points of the industry.

That's why we're already developing integrated solutions for all process steps of the panel building of tomorrow. Not only through innovative electronics and connection technology, but also with the right hardware, software and smart accessories for manufacturing processes on the shop floor.



SNAP INTO the future

With automated manufacturing processes, errors can be avoided, processes can be optimised even further, and costs can be effectively reduced. This is why robot-assisted wiring will become a fundamentally important aspect of panel building in the future.

Thanks to our innovative SNAP IN connection technology, terminal blocks, PCB connectors, PCB terminals and heavy-duty connectors are already optimised for automated wiring. Ready for the future, ready-to-robot.

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October 2023

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Discover our product innovations:
www.weidmueller.com/product-innovations



Connectivity

Terminal blocks

SNAP INto the future with Klippon® Connect

Extension with 1-level 4 mm² and double-level 2.5 mm² SNAP IN terminal blocks

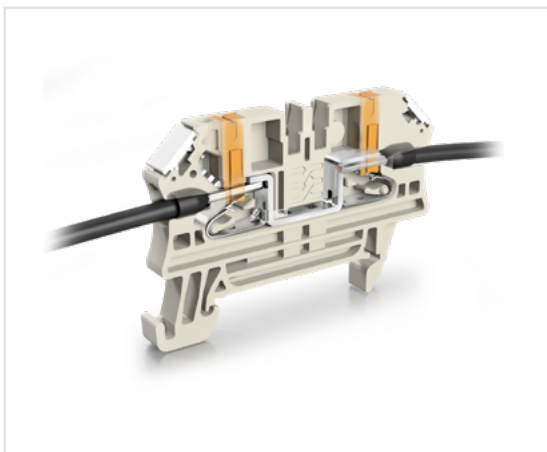


The new Klippon® Connect terminal blocks with Weidmüller's revolutionary SNAP IN technology meet all these requirements - and are extremely easy to use: stripped fine-stranded conductors just need to be inserted into the connection point, and the connection point snaps shut with a clearly audible click. The conductor is permanently and reliably contacted. To release the connection, press the green pusher. It couldn't be faster or easier.

- Standard accessories of A-Series
- Innovative SNAP IN technology
- Self-releasing mechanic even with flexible conductors without ferrule

Combining the advantages of proven connection technologies

Klippon® Connect A-Series with side PUSH IN connection technology



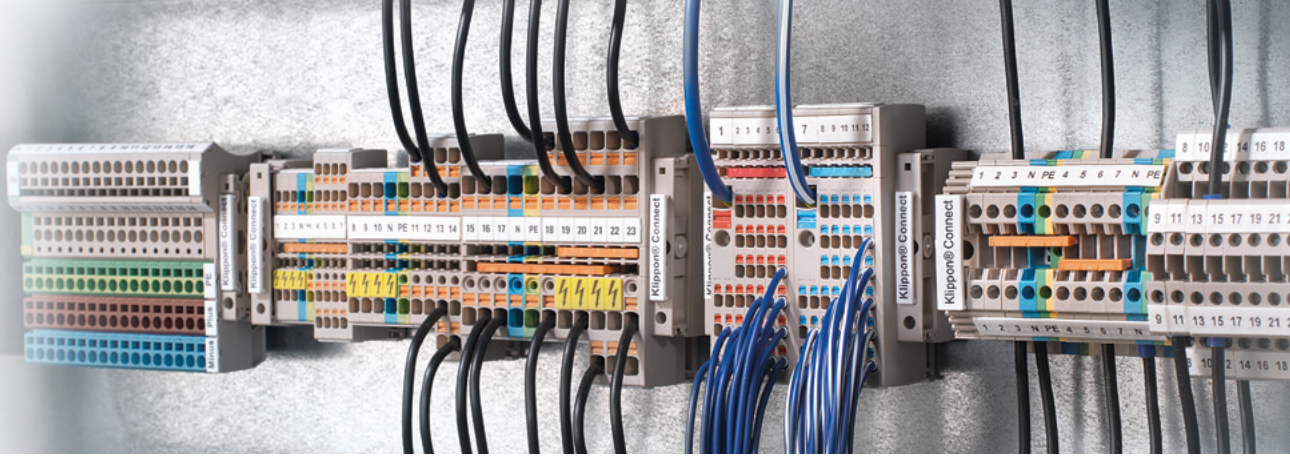
The new Klippon® Connect terminal blocks with lateral PUSH IN connection combine the advantages of PUSH IN and screw connection technology. Conductors can be connected without a bending radius, without tools. This reduces the installation height and increases clarity, as markings and functional areas remain clearly visible even when wired.

- Clear wiring without protruding bending radius
- Clear recognition of the functional areas, even in the wired state
- Compatible with classic connection PUSH IN terminals
- Uniform test system with standardised test tap

Find more information about these terminal blocks here:

www.weidmueller.com/news-terminal-blocks





More flexibility in signal wiring and signal marshalling

Klippon® Connect W2C and W2T Range signal wiring and signal marshalling



Automation in the process industry requires flexible solutions for complex production processes. Your circuit diagrams are no less complex and often undergo changes shortly before the end. Thanks to the single and double-level arrangement of the terminal blocks, combined with the provision of the four basic functions (continuity, disconnect, fuse, ground), you achieve maximum flexibility when connecting your devices wired in the field.

- Integrated PE contact onto the DIN rail for PE as well as shield connection
- One and two level system with various variants
- Up to three cross connection channels

Combining the advantages of proven connection technologies

Klippon® Connect PUSH IN fuse and disconnect terminal blocks with wire side entry

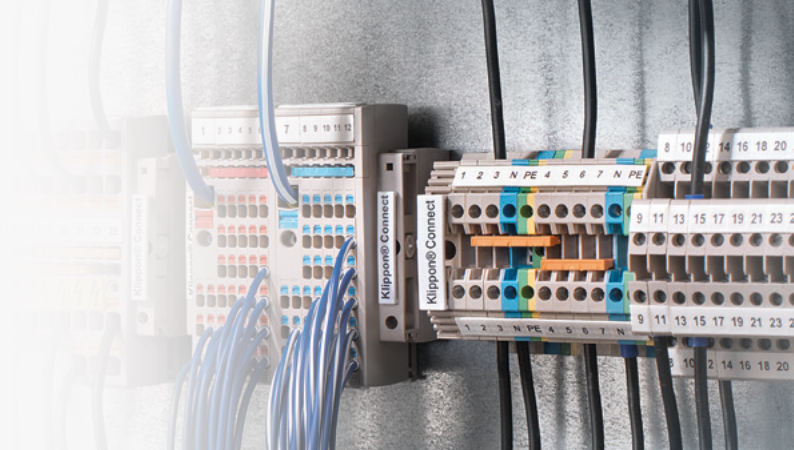


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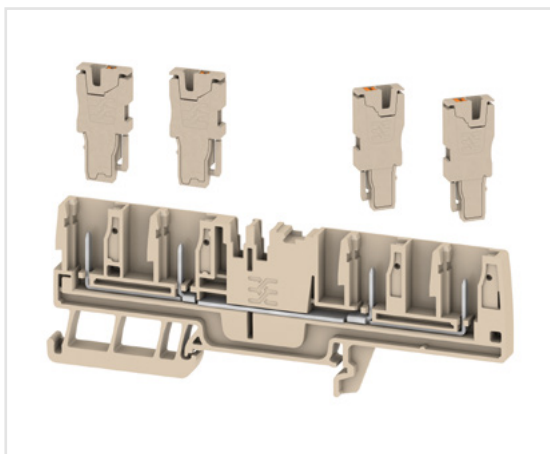
Connectivity

Terminal blocks



The modular and flexible terminal block plug-in system WeiCoS

Klippon® Connect pluggable terminal blocks for 4 plugs in 1.5 mm² and 2.5 mm²



Where complete functional units have to be prefabricated or replaced, modular and flexible connection systems are required. They provide the possibility for a connection of up to 4 plugs.

- Double cross-connection channel
- Professional marking

Find more information about these terminal blocks here:
www.weidmueller.com/news-terminal-blocks



Connectivity

Plug-in connectors



Assemble faster with excellent connection technology

PushPull Power Connector with SNAP IN connection technology



Our PushPull Power connector now features the revolutionary SNAP IN connection technology. Here, stripped fine-stranded conductors are simply plugged directly into the connector even without a wire end ferrule. With an audible click, a spring mechanism snaps shut and ensures a reliable connection for which no special tools are required. This considerably simplifies and speeds up cable assembly.

- Easy unlocking
- Robust metal housing
- Protection degree IP67
- IEC 61076-3-126 conform

Connect individual battery packs to form an Energy Storage System (ESS)

Battery pole connector in IP67



The Weidmüller Battery Connector (WBC) makes it possible to connect several individual batteries to an ESS in just a few simple steps – and to disconnect the connections just as quickly if required. The WBC is available in versions up to 120 A, 200 A and up to 350 A.

- Simple unlocking
- Reverse polarity protection
- Touch-proof
- Protection degree IP67

Find more information about these plug-in connectors here:
www.weidmueller.com/news-plug-in-connectors



Connectivity

PCB plug-in connectors and PCB plug-in terminals

Connect devices more efficiently – Fast. Flexible. Digital.

OMNIMATE® 4.0 PCB plug-in terminals with SNAP IN technology



Trendsetting connection solutions are reliable, flexible and enable automated wiring processes. The new PCB plug-in terminals of the MTS 5 product series are extremely compact and enable the fastest signal connection in device connectivity. Thanks to the innovative SNAP IN connection technology, a wide variety of conductors can be connected quickly without tools and wire end ferrules – ideal for automated processes.

- Unique SNAP IN connection for particularly fast & safe wiring
- Ready for shipment within only three days
- Individual printing versions via own web configurator in easyConnect
- Compact design for wide range of applications

Configure hybrid connectors easily and modularly

OMNIMATE® 4.0 device interfaces for power, signals, and data



OMNIMATE® 4.0 enables the quick and easy configuration of hybrid interfaces to transmit data, signals, and power in a single connector. The modular product design combines the innovative SNAP IN connection technology with the future-oriented transmission standard Single Pair Ethernet (SPE).

- Fast, safe, and tool-free wiring due to unique SNAP IN connection
- Future-proof Single-Pair Ethernet technology
- Dispatch within three days – even for individually configured products
- Flexible combination options for power, signal and data transmission

Find more information about these PCB plug-in connectors and PCB plug-in terminals here:
www.weidmueller.com/news-pcb-plug-in-connectors-and-pcb-plug-in-terminals





Reliable, easy and future-proof USB connection for your device

OMNIMATE® Data USB-C PCB jacks



Our new USB-C PCB sockets support the solid USB standard 3.1 and enable future-proof device design with speeds up to 10 Gbit/s. Due to the flexibly selectable outlet directions of 90° and 180°, they can be placed on the PCB in many different ways.

- The outlet directions of 180° and 90° enable adaptation to different housing formats
- Solid USB-C standard 3.1 for data rates up to 10 Gbit/s
- Automation-ready packaging
- High durability: up to 10,000 mating cycles possible

Connectivity

Enclosure systems and components



More choice of standard enclosures for challenging environments

Klippon® TB-Portfolio expansion with new sizes



The Klippon® TB enclosure series has excellent performance characteristics and is suitable for the most difficult environmental conditions. The enclosures meet even the most extreme requirements for EX areas, such as those found in the process industry and the power generation sector.

- Universally applicable due to regional and international approvals
- Robust stainless steel 1.4404/3 16L with 1.5 mm thickness and electro-polished surface
- Wide choice of standardized enclosure sizes, locking systems, and mounting plates

Find more information about these enclosure systems and components here:
www.weidmueller.com/news-enclosure-systems-and-components



Electronics

Relay modules & solid-state relays



Using the all-rounder in a small space

TERMSERIES-compact - universal relay with maximum vibration resistance

Highlight



The new, ultra-compact complete modules round out the TERMSERIES family. Their relays are integral, which makes them particularly vibration-proof. Due to the slim and, above all, flat design, they can be installed anywhere. And since they have the same contours as the tried-and-tested TERMSERIES, all the accessories of the series can be used – for cross-connections, for example.

- Extremely compact with only 6.4 mm width and 63 mm depth
- 100 % vibration-proof thanks to enclosed design
- Particularly tamper-proof thanks to permanently installed relays
- Simplified function check thanks to integrated status LED

Combine switching and protection in one relay

TERMSERIES-compact with fuse carrier

Highlight



TERMSERIES-compact with fuse carrier enables simple and particularly efficient integration of fuses, as no additional terminal block with a fuse is required. This saves time during installation and space in the control cabinet. The fuse must be selected to match the connecting line, and the fuse can be changed while the module is installed. The complete module is 100 % function-tested and particularly vibration-resistant due to built-in relays.

- Optimum cable protection due to selectable fuse to match the connecting cable
- Easy handling due to fuse replacement while installed
- Space-saving, as no further terminal block with fuse required
- Clear labelling with Weidmüller standard markers

Find more information about these relay modules & solid-state relays here:

www.weidmueller.com/news-relay-modules-and-solid-state-relays



Electronics

Relay modules & solid-state relays



Increase productivity in control cabinet wiring

Precisely fitting accessories for TERMSERIES-compact



With TERMSERIES-compact, the well-proven TERMSERIES is extended by a particularly space-saving and vibration-proof variant. To simplify and optimise wiring processes, special feed-in terminals, feed-through terminals, and partition plates have been developed for TERMSERIES-compact. The new feed-in and feed-through terminals increase flexibility in potential distribution and simplify wiring.

- Safe separation of different voltage ranges
- Precisely fitting supplementary accessories for TERMSERIES-compact
- More efficient wiring and better overview in the control cabinet

Compact timing relays wired particularly quickly

TFI-SERIES relays - new with PUSH IN connection technology



Many functions in building and factory automation can be reliably controlled with the timing relays of the TFI-SERIES. Now the proven product series is also available with the time- and cost-saving PUSH IN connection technology. Besides efficient wiring, the relays are particularly convincing due to their simple configuration by means of rotary switches on the front of the housing.

- Reliable switching of time-controlled processes in building and factory automation
- Simple, fast, and safe connection of different conductor types thanks to PUSH IN technology
- Reduction of wiring time by up to 75 %

Find more information about these relay modules & solid-state relays here:

www.weidmueller.com/news-relay-modules-and-solid-state-relays



Electronics

Analogue signal processing



Always have an eye on your signals

ACT20D process value displays – easy and flexible to use



In many industrial plants, process values such as pressure or temperature must be reliably displayed and monitored. The new display modules can be installed on control panels, closed control cabinets, and even decentrally in the field. ACT20 displays are perfectly matched to the high demands of industrial applications.

- Worldwide application possibilities
- Operating temperature range -20°C to +60°C
- Simple installation and parameterisation

Find more information about analogue signal processing here:
www.weidmueller.com/news-analogue-signal-processing



Electronics

Power supplies



Build power supply systems with regulated DC voltage levels

Powerful DC/DC converters for maximum system availability



Power supplies should guarantee maximum supply reliability and minimum downtime. More complex supply systems and the increase in battery backup solutions require long cables and make DC control voltages more unstable. The new DC/DC converter compensates for voltage fluctuations, such as those that occur with unregulated power supplies or long cables.

- Combinable with our AC/DC power supplies, diode modules, and UPS modules
- Very slim design, high serviceability, and extensive safety functions
- Above-average power performance with an efficiency of up to 95 %

Switch on DC microgrids in segments, operate and monitor them safely

Pre charge units with many setting and diagnostic options



DC microgrids enable an efficient and stable power supply and the simple integration of renewable energies and storage systems. Pre charge units enable controlled, sequential ramp-up of industrial DC microgrids. This means that loads such as drives, motors, or complex load circuits can be started one after the other to avoid current peaks.

- Available in variants for DC sectors with 40, 100, or 500 A
- Optional communication interface for parameterisation and diagnosis of unit and DC sector
- Connections up to 16 mm² possible
- Conforms to the DC Industry V3 system concept

Find more information about these power supplies here:
www.weidmueller.com/news-power-supplies



Electronics

Electronic housings



Flexible realisation of ideas and projects

u-maker Box – the Raspberry Pi housing from Weidmüller

Highlight

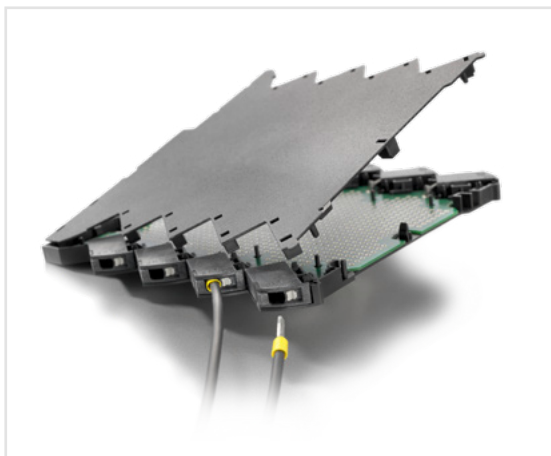


The u-maker box is the ideal basis for realising your own applications with the Raspberry Pi. The modular and expandable housing impresses with many features. The internal accessories allow electronic components, 3rd party boards, and other components to be installed. The external holder is compatible with simple action cam accessories.

- Compatible with action cam and other accessories
- Modular and expandable
- Usable with industrial software

Compact and functional connection of signal applications

PCB-terminals with PUSH IN technology for OMNIMATE® Housings CH20M6



The new LHF-SMT signal connectors combine high functionality, vibration resistance, and easy handling in minimal installation space. This is ensured by the space-saving design and the proven PUSH IN connection technology. The PUSH IN connection enables particularly simple, fast, and permanently reliable installation without any tools – optimised for cable cross-sections up to 1.5 mm².

- Particularly compact and space-saving design
- Easy handling and efficient installation due to PUSH IN connection technology
- Optimised for automated assembly due to tape-on-reel packaging

Find more information about these electronic housings here:
www.weidmueller.com/news-electronic-housings



Electronics

Lightning and surge protection

Perfect protection for intelligent metering systems

V-ZPA Fuse Holder – fuse module for 40 mm busbars



The new V-ZPA Fuse Holders are specially designed for the protection of smart metering systems. They are installed according to the specifications of VDE-AR-N 4100 in the mains-side connection compartment and simply snapped directly onto the 40 mm busbar. The new devices complement the smart metering range as well as Weidmüller's VARITECTOR ZPA S surge protection portfolio and guarantee optimum protection with a small footprint.

- Reliable fuse protection with 6.3 A in a compact design
- Safety for additional applications such as smart meter gateways
- Simple snap-on to 5-pole busbar systems
- Two standard-compliant voltage taps for high flexibility
- Included in delivery: Modem connection cable 80 cm and gateway connection cable 115 cm

Protect data interfaces effectively against overvoltages

VARITECTOR Ethernet surge protection VDATA CAT5e



The new VDATA CAT5e surge protection module has been specially developed to reliably protect CAT5e local area networks (LAN) against surges. The powerful and fast-responding device has minimal attenuation and meet all requirements according to IEC 61643-21.

- Direct PE contacting by simply snapping onto the mounting rail
- Efficient surge protection for Ethernet connections up to CAT5e
- Reliable protection of transmission and data quality
- Compact solution for confined environments, e.g. in process automation
- Easy and fast installation due to common RJ45 socket

Find more information about lightning and surge protection here:
www.weidmueller.com/news-lightning-and-surge-protection





Protect sensitive devices reliably against overvoltage damage

Leakage current-free VARIRECTOR PU AC type I+II lightning arrester for 230/400V networks



The growing number of sensitive devices requires ever better lightning and surge protection for power feeds. The combined lightning and surge protection devices of the VARIRECTOR PU AC type I+II are leakage current-free and particularly compact. They can be used in the pre- and post-metering area according to VDE-AR-N 4100.

- Combined type I+II arrester for a wide range of applications
- Status display and remote signalling contact for easy maintenance
- Leakage current-free monobloc with 12.5 kA lightning impulse current limp

Automation & Software

Controls & Edge



Combining OT and IT in perfection

Modular controls for industrial automation and IoT applications



With u-control M3000, automation solutions can be perfectly integrated into the IoT. The powerful controller also works as an edge device for providing local information in the network and can be expanded by connecting function modules. u-control M4000 also offers four CPU cores, four Ethernet interfaces and more RAM, NV RAM, and flash memory for complex edge computing in automation.

- MultiCore-Technology
- Perfect for u-OS
- SPS- and Edge-Device „All-in-One“
- Simple option for coupling supplementary function modules
- Optional expansion with additional interfaces (fieldbuses, Wifi, GSM)

Find more information about controls & edge here:
www.weidmueller.com/news-controls-and-edge



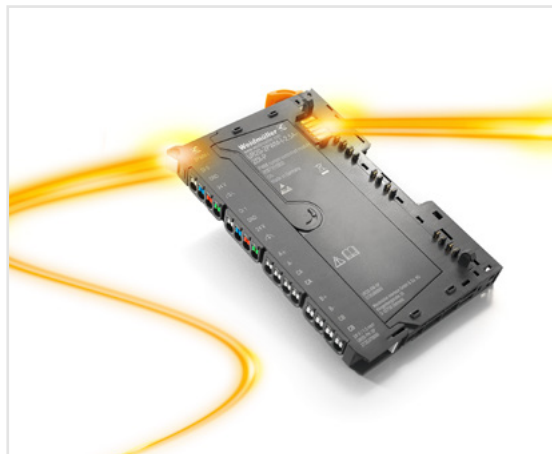
Automation & Software

I/O Systems



Preparing automation systems for the requirements of the future

u-remote NG - the next-generation backbone bus from u-remote

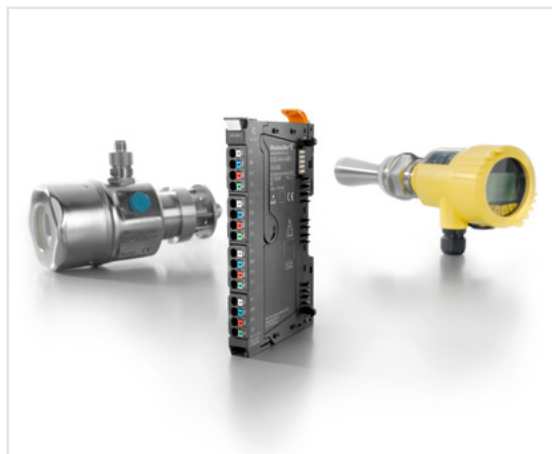


We have further increased the performance of our powerful u-remote backplane bus. As a result, the entire remote I/O system with its fieldbus couplers resp. network gateways, and the various I/O modules is now even more powerful. Users benefit from more flexibility and additional potential.

- Process data width of 128 bytes/ms per I/O module (multiplier 8)
- Data transfer rates up to 192 Mbit/s (multiplier 4)
- 32 bit timestamp resolution (multiplier 2)
- Full compatibility with couplers and modules of the previous series

Collect valuable process and diagnostic data

u-remote - analogue input modules with HART master functionality



The u-remote analogue input modules can be used to acquire data from up to four analogue sensors. The modules can be used as HART masters, with each channel using a dedicated HART modem. Up to five HART devices can be connected to each channel via point-to-point or multidrop connection.

- Easy system configuration thanks to FDT/DTM technology and Weidmüller configuration software
- Connection of up to four standard 0-20 mA or 4-20 mA analogue sensors
- Optionally galvanic isolation between the input channels for increased interference immunity
- Point-to-point and multidrop capability with up to five HART devices per channel

Find more information about these I/O systems here:
www.weidmueller.com/news-io-systems



Automation & Software

I/O Systems



Cross-product communication via CAN protocol

CANopen master module with web-based configurator



The powerful UR20-1COM-CANOPEN communication module is highly versatile and has an electrically isolated CAN interface. As a CANopen manager or NMT master, it can control a CANopen fieldbus as a subbus in the u-remote system as well as up to 16 CANopen nodes. The CANopen module can be used with Weidmüller components such as the ACT20-C product series and the PRO TOP power supply series as well as with third-party products that follow the CiA 401 specification.

- Communication via multiplex line for reduced wiring effort
- Fast communication via CAN interface
- Simple integration of CAN products
- Differentiation Highlight

Reliably control small motors and valves

u-remote PWM module for controlling analogue devices



The modules are particularly suitable for controlling small motors. The PWM modules are adjustable within switching frequencies. For motor control, push/pull output stages can also be used to change the direction of rotation, among other things.

- Current-controlled or PWM-controlled operation
- Single-channel diagnostics
- Overload-proof and short-circuit-proof
- Two bipolar outputs for controlling valves or motors
- Max. current output: 2,5 A (2-channel operation), 3 A (1-channel operation)

Find more information about these I/O systems here:
www.weidmueller.com/news-io-systems



Automation & Software

Industrial Ethernet



High-performance industrial Gigabit routers

Security for complex networks with high data throughput



The new router series is ideally suited for segmenting high-performance systems and securing them via firewalls. The four gigabit ports can be configured to form separate networks and the powerful processor enables high data rates for complex applications. In this way, the machine network can be secured, a DMZ can be set up and a connection to a production network can be realised with just one device.

- High performant: up to 90 Mbit/s VPN and 700 Mbit/s LAN/WAN data throughput
- Up to 4 independent and single secured networks for many plant networks or DMZ's
- Integrated cellular modem for Europe or World region
- Extensive feature set and u-link implemented

Space-saving and cost-efficient use of switches

EcoLine Series B: Unmanaged switches with PROFINET Class A conformity



EcoLine Series B products are particularly space-saving and energy-efficient. To ensure optimal network performance, the "Quality of Service" and "Broadcast Storm Protection" functions can be switched on and off individually. This also makes them suitable for use in PROFINET networks.

- Increased network availability via "Broadcast Storm Protection"
- Space-saving installation due to small size
- PROFINET Conformance Class A through QoS functionality

Find more information about these routers here:
www.weidmueller.com/news-industrial-ethernet



Automation & Software

Touch Panels



Effective factory management

u-view Advanced – robust and powerful web terminals



The powerful ARM-based touch panels provide web-based access to control and IOT systems. The touch panels offer high resolution, brilliant colour reproduction, wide viewing angles, and high brightness. At the same time, they achieve success through high-resolution capacitive touch and gesture control.

- Lots of performance
- Future-proof design
- Dynamic web browser

Find more information about these touch panels here:
www.weidmueller.com/news-touch-panels



Workplace & Accessories

Tools



A better cut – a more reliable connection

The new cutting tool KT Mini



In order to optimally prepare the most diverse cables and wires for connection or crimping processes, we have developed the new KT Mini cutting tool. It can be used to cut aluminum and copper cables up to 6 mm² (class) effortlessly. The cut is precise, smooth, and straight – without deforming the conductor.

- Precise, smooth, and straight cutting pattern
- Handy format with a small handle width
- High ergonomics by integrated opening spring
- Effortless cutting without great force

The handiest way to crimp

PZ 2.5 – the smallest professional crimping tool for wire end ferrules



With the PZ 2.5, Weidmüller has developed a compact crimping tool especially for wire-end ferrules in the cross-section range from 0.14 to 2.5 mm². By focusing on small cross-sections, it was possible to keep the size, weight, opening width, and actuating force of the new tool small – without compromising on crimp quality.

- 100 % reliable
- 30 % handier
- 200 % more durable

Find more information about these tool here:
www.weidmueller.com/news-tools



Workplace & Accessories

Tools



Cut it. Strip it. Crimp it.

The new stripax[®] plus – now even easier



The new stripax[®] plus can cut, strip, and crimp single wires in the cross-section range from 0.5 to 2.5 mm². The wire-end ferrules are stored in a magazine in the handle and are automatically transported to the crimping die. Adjustments to different cross-sections are made automatically

- Cutting
- Stripping
- Crimping

Find more information about this tool here:
www.weidmueller.com/news-tools



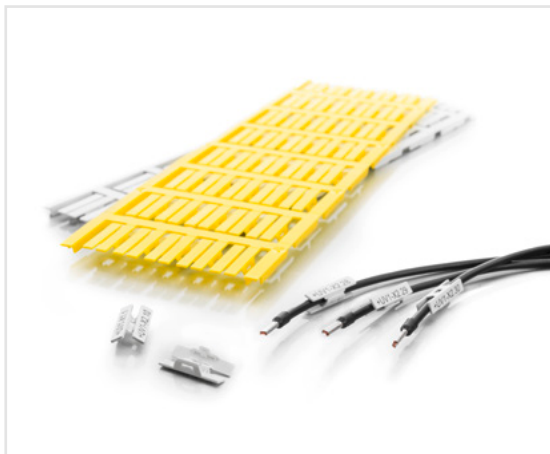
Workplace & Accessories

Markers



Provide conductor markings with additional information

SFC – SlimFix Clip MultiCard with two labelling fields



The new SFC-DS markers are designed as MultiCards and are suitable for direct printing with our PrintJet printing system. Their two labelling areas allow multiple data to be printed on a single marker.

The print data can be imported directly from CAE projects into the M-Print® PRO marking software. After printing, the markers are placed around the conductor and securely fixed with a special locking mechanism.

- Suitable for conductor diameters of 1.5 to 7 mm
 - Printing of multiple information on one marker – e.g. start and target designation
 - One marker with two labelling areas in 12, 21 and 30 mm lengths
- Both marking surfaces can be read immediately by simply turning the marker
- Special locking mechanism for secure attachment of markers

Fast and economical marking

MultiMark: Marking systems for the entire cabinet



With our MultiMark marking system, we provide you with well thought-out products for all marking tasks. This includes fast and reliable solutions for every control cabinet. One example of this are our new label variants, which can be printed and applied particularly quickly. They meet the highest requirements for durability and adhesive properties.

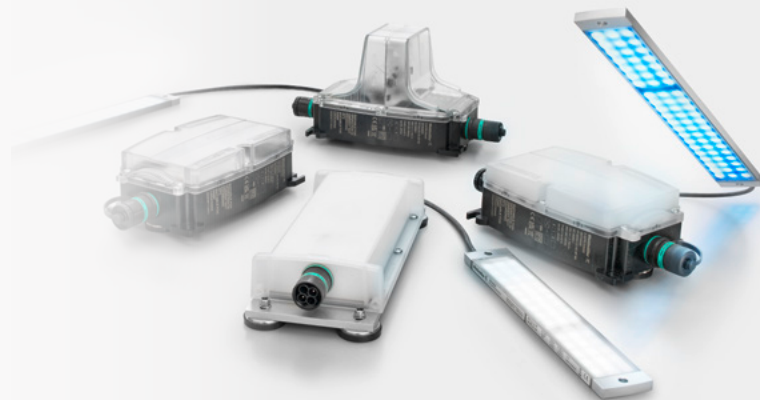
- Double-sided printing
- Weather resistant
- Improved Safety
- Manufacturer-independent marking

Find more information about these markers here:
www.weidmueller.com/news-markers



Workplace & Accessories

Industry Lights



Perfect illumination of machines and industrial environments

WIL-S, WIL-L, and WIL-E lighting systems



Luminaires of the WIL series provide homogeneous illumination with 5,700 K. They are specially designed for machines and industrial environments and available in standard and premium versions. Both individual and series connections are made via classic round plug connectors. The luminaires of the WIL series are protected from environmental influences by special LED covers.

- Series WIL
- Series WIL-S
- Series WIL-E
- Series WIL-L

Powerful general lighting for wind turbines and more

WITL – LED industrial lights for self-assembly, with and without battery



The new WITL is a powerful linear luminaire with LED technology. It was primarily designed for tower and nacelle lighting of wind turbines, but is also suitable for room lighting in many other applications. With 2,700 lumens, it provides excellent overall illumination. The WITL is available with and without an integrated battery – depending on whether an emergency power function is required.

- Powerful light output of 2,700 lumens for a safe working environment
- Optionally with or without integrated battery for emergency power supply
- M20 cable glands for wiring on site

Find more information about these industry lights here:
www.weidmueller.com/news-industry-lights

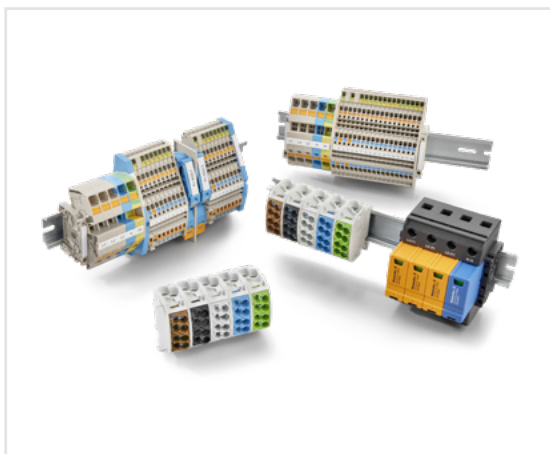


Assembly Service

Assembled terminal strips

Simply more efficient

Standardised terminal rails for main distribution in buildings



Because terminal rails often fulfil the same functions and carry similar components, we offer standardised terminal rails for building installations. They can be ordered via a uniform article number and are delivered ready for installation. Our terminal rails can be mounted in the distribution cabinet without further preparation, so that wiring can begin immediately.

- Clearly legible labelling and markings
- Cleanly and neatly mounted accessories
- Ready-assembled terminal rails with or without mounting rail or compiled terminal block without mounting rail

Find more information about assembled terminal strips here:
www.weidmueller.com/news-assembled-terminal-strips



Solutions

e-mobility



Simple fast charging

Quality DC charging cables in small power classes up to 50 kW/80 A



Our OEM-quality DC charging cables comply with the Mode 4 e-mobility standard. They have a marketable cable length of 5 metres and are equipped with a CCS-2 connector on the vehicle side. The cables have been specially adapted to the requirements of DC wallbox manufacturers and can be provided with a customer logo on request.

- Customer specific logo
- Pre-assembled cable ends
- Internal temperature monitoring

Easily set up, monitor, and manage your charging networks

SMARTcharge – the intelligent load management system



The intelligent load management tool automatically ensures smart distribution of the available electricity and ensures electric vehicles are charged in a flash. User-friendly monitoring and management options increase the overview and make it easier to control a charging network. Installing SMARTcharge is also simple, as the intuitive installation guide tells you exactly what to do.

- Easy installation
- Integration of a PV system
- Remote monitoring of the status of individual charging points
- Clear monitoring and management options
- Remote control of charging processes
- Prioritization of charging processes

Find more information about e-mobility here:
www.weidmueller.com/news-e-mobility



Solutions

Photovoltaics



Protecting PV installations against overvoltage and automatic switch off in case a fire

PV Next Fireman Switch for safe remote shutdown

Highlight



The new PV Next Fireman Switch combines strings extremely space-saving, protects against overvoltages and can reliably disconnect them in the event of a fire. The current flow from the photovoltaic modules is interrupted as soon as the power supply inside or outside the house is switched off. This enables the fire brigade to work safely, and fires can be extinguished more quickly.

- Simple and space-saving installation
- Surge protection integrated
- Energy-saving, fully autonomous switching on and off
- Efficient combination of strings with cable savings of up to 50 %

Find more information about these photovoltaic solutions here:
www.weidmueller.com/news-photovoltaics



Software & Services

Digital data consistency with software solutions from Weidmüller

The most simple and seamless planning tool for electrical designers

Weidmüller Configurator (WMC)



- NEW CSV File Import Option – makes imports from every system possible
- Complete new developed EPLAN Interface plug in
- No more length limitations in Fast Delivery mounting rails

Find more information about the
Weidmüller Configurator here:
www.weidmueller.com/wmc



The optimised marking process with individual options for greatest ease of use

M-Print® PRO / M-Print® PRO eCAD



- Integrated LPC App for user-guided labeling processes
- New marker configurations for SFC-DS and the MultiMark expansion
- New M-Print® PRO eCAD interface to Eplan 2024

Find more information about the
M-Print® PRO / M-Print® PRO eCAD here:
www.weidmueller.com/software-wps





The flexible all-rounder with a wide variety of possible applications for use

Wire Processing Center (WPC)



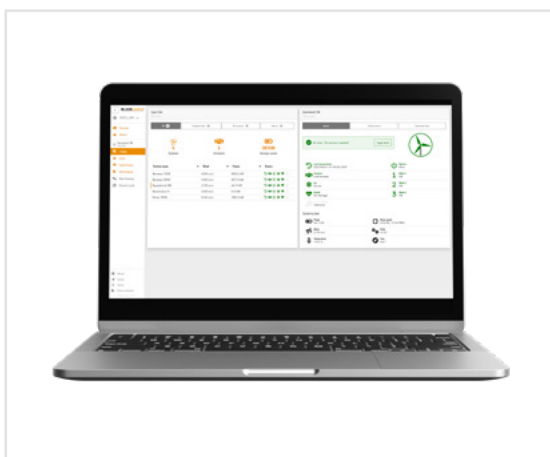
- Optimised modularity and convenient one-piece-flow processing within cable confectioning
- Increased options in planning software WPC-Tool
- Software-guided wire preparation for various conductor end treatments

Find more information about the
Wire Processing Center here:
www.weidmueller.com/wpc



Your rotor blades always in sight

The new BLADEcontrol® WebVis



- Intuitive Dashboard with new functions
- Direct contact with our monitoring experts
- Fast and targeted condition monitoring

Find more information about the
BLADEcontrol® WebVis here:
www.weidmueller.com/bladecontrol



Weidmüller – Your partner in Smart Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Smart Industrial Connectivity.

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